

ABSTRACT OF THE DISCLOSURE

A copper alloy having an excellent corrosion cracking resistance and an excellent dezincing resistance consists of: 58 to 66 wt% of copper (Cu); 0.1 to 0.8 wt% of Sn; 0.01
5 to 0.5 wt% of Si; at least one of 0.3 to 3.5 wt% of lead (Pb),
0.3 to 3.0 wt% of bismuth (Bi), 0.02 to 0.15 wt% of phosphorus
(P), 0.02 to 3.0 wt% of nickel (Ni) and 0.02 to 0.6 wt% of
iron (Fe) if necessary; and the balance being zinc (Zn) and
unavoidable impurities, wherein the proportion of an alpha
10 phase is 80 vol% or more. The apparent content of zinc (Zn)
in the copper alloy is in the range of from 34 to 39 wt%.